

SGS



中国认可
国际互认
校准
CALIBRATION
CNAS L2929

证书编号:
Certificate No.



120016754

校准证书

CALIBRATION CERTIFICATE

委托者
Customer

Japan Electrical Testing Laboratory (Thailand) Co., Ltd

仪器名称
Equipment

Electromagnetic Vibration Test Machine

型号/规格
Model/Specification

TL-413A

机身编号
Serial Number

ASR2208ZXY

管理编号
Asset Number

/

制造厂商
Manufacturer

Tony International (HK) Co., Ltd
东尼国际(香港)有限公司

委托者地址
Address of customer

No. 1 Tech 9 Road, High-New Tech Development Zone, Songshan Lake, Dongguan City 5
23808, China.

接收日期
Received Date

2022	年	09	月	15	日
	Year		Month		Day

校准日期
Calibration Date

2022	年	09	月	15	日
	Year		Month		Day

发布日期
Issued Date

2022	年	09	月	16	日
	Year		Month		Day

■ 本校准结果, 仅对受校样品的本次校准有效。

It's effect that the results of this report relate only to the sample(s) calibrated.

■ 未经SGS批准, 部分采用本证书内容无效。

Partly using this calibration certificate will not be admitted unless allowed by SGS.

■ "■"项目为本公司校准实验室具备的能力, 而非中国合格评定国家认可委员会的认可能力。

"■"project representative calibration laboratory in this company have the capacity,rather than CNAS accreditation capacity.

校准员:
Calibrated by

何强

核验员:
Checked by

杨标云

批准人/职务:
Approved by/Functions

杨标云

主管

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SZCAL 1693166

SGS-CSI Standards Technical Services Co., Ltd.
Shenzhen Branch Technical Services Calibration Laboratory

Room 101-001, Plant 4 & Room 101, Plant 2 & Room 101, Plant 3 & Room 301-501, Plant 3, Jianghao (Bantian) Industrial Plant Area, No. 430, Jihua Road, Bantian Community, Bantian Street, Longgang District, Shenzhen, Guangdong, China 518129 www.sgs.com.cn
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证书编号:
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■ 本次校准的技术依据
(Reference documents):

JJG 948-2018《数字式电动振动试验系统检定规程》
Verification Regulation of Digital Electrodynamic Vibration Testing System

■ 本次校准所使用的主要测量标准
(Main measurement standards used during the calibration):

仪器名称/型号 Equipment/ Model	编号/有效期至 Equipment No./ Due Date	测量范围/技术指标 Measuring range/ Technical Specifications	溯源机构/证书编号 Verification or Certification Organization/Certificate No
冲击振动测量系统 MI7008/3055B1/3200B5/3 023A	SZCAL-LX-048(/) 2022-11-16	加速度 (0.1~100) g (1~2 000) Hz $U_{rel}=1.0\% \quad k=2$	通标标准技术服务(上海) 有限公司 820102803001~82010280300 6
Impact vibration measurement system			

■ 校准地点(Calibration Location):

No. 1 Tech 9 Road, High-New Tech Development Zone, Songshan Lake, Dongguan City 523808, China.

■ 环境条件(Environmental condition during the test):

温度(Temperature): 23.2 °C

相对湿度(Relative Humidity): 56 %RH

■ 备注(Comments):

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SZCAL 1693167

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校准结果(Calibration results):

1. 外观及各部分相互作用: 正常。

Appearance and functions: Pass.

2. 振动频率校准:

Vibration frequency calibration:

频率设定值 Frequency set value (Hz)	实测值 Measured value (Hz)	误差 Error (Hz)	扩展不确定度 Uncertainty $U_{rel} (k=2) (%)$
5	5.078	-0.078	0.6
10	9.961	0.039	0.6
20	19.92	0.08	0.6
35	34.97	0.03	0.6
45	44.99	0.01	0.6
55	54.99	0.01	0.6
60	59.99	0.01	0.6

3. 位移示值校准:

Displacement indication calibration:

位移设定值 Displacement setting (mm)	实测值 Measured value (mm)	误差 Error (mm)	扩展不确定度 Uncertainty $U_{rel} (k=2) (%)$
0.35	0.350	0.000	3.5

*4. 扫频速率校准:

Sweep rate calibration:

扫频频率设定 Sweep frequency setting (Hz)	扫频时间设定 Sweep time setting (s)	实测值 Measured value (s)	扩展不确定度 Uncertainty $U (k=2) (s)$
5~10	60	60.0	0.5
10~20	60	60.0	0.5
20~40	60	60.0	0.5
40~80	60	60.0	0.5

说明/Remark:

参照校准结果使用。

Use referring to the results of calibration.

建议复校周期: 12个月。

Recommended recalibration period: 12 months.

---校准结果内容结束---

---THE END---

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